

Form PTO-1390

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

P19797

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/600890

INTERNATIONAL APPLICATION NO.

PCT/JP99/00504

INTERNATIONAL FILING DATE

5 February 1999

PRIORITY DATE CLAIMED

26 February 1998

TITLE OF INVENTION

MULTILAYER PRINTED WIRING BOARD WITH FILLED VIAHOLE STRUCTURE TECHNICAL FIELD

APPLICANT(S) FOR DO/EO/US

Seiji SHIRAI, Kenichi SHIMADA, and Motoo ASAI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A Translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
"Executed"
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - Cover Sheet and Copy of International Application as published in Japanese.
 - PCT/RO/101-PCT Request(in Japanese).
 - PCT Amendment (with one replacement page).
 - PCT/IPEA/409-International Preliminary Examination Report(in Japanese).
 - PCT/IB/301.
 - PCT/IB/304.
 - PCT/IB/308.
 - PCT/IB/332.
 - PCT/ISA/210-International Search Report(in English and Japanese).
 - Claim of Priority.

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17. ☒ The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search report has been prepared by the EPO or JPO. \$ 840.00

International preliminary examination fee paid to USPTO (37 CFR 1.482). \$ 670.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$ 760.00

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO. \$ 970.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4). \$ 96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS

PTO USE ONLY

\$840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

Claims

Number Filed

Number Extra

RATE

Total Claims

33

- 20 =

13

X \$18.00

\$234.00

Independent Claims

4

- 3 =

1

X \$78.00

\$78.00

Multiple dependent claim(s) (if applicable)

+ \$260.00

\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$1002.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28)

\$

SUBTOTAL =

\$1152.00

Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+

\$

Extension of Time fee in the amount of \$

+

\$

TOTAL NATIONAL FEE =

\$1152.00

Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

\$40.00

TOTAL FEES ENCLOSED =

\$1192.00

Amount to be refunded

\$

Charged

\$

a. ☒ A check in the amount of \$1192.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. in the amount of \$ to cover the above fees.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Bruce H. Bernstein
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SIGNATURE

Bruce H. Bernstein
NAME

29.027

REGISTRATION NUMBER

patent application serial no.

*Department of Commerce
Patent and Trademark Office
fee record*

08/22/2000 LLANDGRA 00000049 09600890

01 FC:970	840.00	DP
02 FC:966	234.00	DP
03 FC:964	78.00	DP